

WATER USE AND RECYCLING WORKGROUP

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Workgroup meetings have been held April 10, 2006; May 31, 2006; and July 7, 2006. Meeting Summaries from those workgroup sessions are posted below. The revised chapter is scheduled to be presented to the Implementation Committee at the November 3, 2006 meeting.

CCMP UPDATE - WATER USE WORKGROUP MEETING

Monday, April 10, 2006, 10:00 AM - 12:00 PM

Room 1411, State Building, 1515 Clay Street, Oakland

Meeting Summary

Present: Marcia Brockbank, Cindy Darling, Russ Ficklin, Eric Hansen, Judy C. Huang, Paula Kehoe, Joan Patton, Ted Smith, Paula Trigueros.

Cindy Darling opened the meeting and the Workgroup members introduced themselves. Cindy gave a brief overview of the Workgroup's task stating that the Comprehensive Conservation and Management Plan (CCMP) had not been revised since its adoption in 1993. She said that the Workgroup would review items in the CCMP Water Use section and make recommendations for updating and also recommend new actions for inclusion.

Some potential new action items include water reclamation and recycling. Public education is needed as a component of water recycling. San Jose is working with Santa Clara Valley Water District on public education and outreach. Another new action relates to emergent chemicals. This is an issue with the use of recycled water. There is a need for reliable sources of information so that the public can become informed. Water recycling companies might be a potential source of funding for this task. There is also a need for a database, which provides information on recycled water quality. CUWA is working on a database.

Other new topics include: a) discharge - brine (an issue for San Jose);
b) groundwater recharge (Coyote Valley); and c) water supply needs from a variety of sources.

The Workgroup members then turned their attention to the existing objectives and actions in the Water Use section of the CCMP, and made these initial recommendations:

Objective WU-1: Leave as is.

WU-1.1: Some studies have been completed and implementation is ongoing. **There is a need to expand the action to include implementation to 2020.**

WU-1.2: Most municipalities have ordinances. Some municipalities now have dual plumbing. **There is a need to include groundwater recharge and get state guidance.**

WU-1.3: **Need to update. Build in water supply aspect.**

WU-1.4: **Need to update wording. Consider use for stream flow augmentation. Pharmaceuticals are an issue. Question of where to put health issue related to chemicals.**

WU-1.5: Is out-of-date. Just leave.

WU-1.6: **Need to update. Need to confirm that water softeners are a problem.**

Add new action: WU-1.7 Encourage state and federal funding for water recycling efforts especially in the Bay Area.

Objective WU-2: **Needs updating**

WU-2.1: **Needs updating to include CALFED activities.**

WU-2.2: **Needs updating.**

WU-2.3: **Needs updating. Cost was not included as part of the feasibility studies. Per capita water use about same level since the drought of 1992, but population changes have resulted in increased demand.**

WU-2.4: Leave as is.

WU-2.5: Leave as is.

WU- 2.6: **Rewrite. Encourage local groundwater management plans, regional IRWMPs.**

Objective WU-3: Leave as is.

WU-3.1: Leave as is.

WU-3.2: Leave as is.

Add new Objectives:

- a) **Support continuing development of IRWMPs**
- b) **Improve water supply reliability - rainwater capture, desalination, stormwater retention and reuse.**

Cindy assigned Workgroup members to research the following Water Use actions, prepare new wording and to submit revisions to Cindy by May 19th for distribution to the whole Workgroup:

Cindy: WU-2.1	New: WU-1.7 (federal funding)
WU-2.2	New: IRWP
WU-2.6	New: Water Supply

Paula: WU-1.1	
WU-1.2	(new BACWA numbers, San Jose ordinance)
WU-2.3	

Eric: WU-1.3	
WU-1.2	(water supply benefits)
WU-2.3	

Next Meeting: Wednesday, May 31, 10:00 AM in Room 1411, State Building, 1515 Clay Street, Oakland.

CCMP UPDATE – WATER USE WORKGROUP MEETING
May 31, 2006 – 10:00 AM – 12:00 PM
Room 1411, State Building, Oakland

MEETING SUMMARY

Next Meeting: Friday, June 23, 2006, 10:00 AM (See Summary end for details.)

Present: Marcia Brockbank, Cindy Darling, Judy Huang, Cheryl Munoz, Joan Patton, Ted Smith, Paula Trigueros

Cindy Darling, Chair, opened the meeting and members introduced themselves. Cindy reviewed the goal of the CCMP updating process and how the Supplement will be used. She announced that she is unable to continue chairing the Workgroup due to a job change. She will attend the next meeting, but will not be able to continue after that time, and a new chair will have to be appointed.

Cheryl Munoz, taking the place of Paula Kehoe, reported on the assigned revisions to WU-1.1, WU-1.2 and WU-2.3. Cheryl also had a few additional revisions of her own. In discussing the issue of greywater, it was decided to add the definition to the Glossary. Cheryl offered the following changes (in red) and incorporated Eric's wording for WU-1.2, WU-1.3 and WU-2.3.

- a) CCMP Pg.125, Recommended Approach: Paragraph 1 following #3:
 - 1) Sentence #1: Use of **recycled** water can be promoted.....
 - 2) Sentence #2: Delete and replace with: **Many agencies throughout California have implemented ordinances, such as Monterey County Water Resources Agency and the Monterey Water Pollution Control Agency.**
- b) Pg. 126, Objective WU-1
 - 1) Develop water **recycling** and the needed facilities to reuse water.
- c) **New action: Action WU-1.1a**
 - 1) **Construct water recycling facilities and distribution systems identified as feasible.**
 - (a) **Who: Add water purveyors and water suppliers to the list in WU-1.1**
 - (b) **When: 2020**
 - (3) **Cost: \$500 M – 50,000 AF**
 - (4) **Performance measure: AF increased by recycled water produced for beneficial uses**
- c) Action WU-1.2:
 - 1) Replace with the following wording: **Municipalities and counties should adopt water recycling ordinances and code changes encouraging the use of recycled water for all state approved uses while providing for the protection of public health and the environment.**
- d) Action WU-1.3
 - 1) Replace with the following wording: **Local entities should develop and conduct public education programs to address the need for water recycling for water supply.**

- 2) What: Add to list:
 - a) 1. Water reliability and sustainability benefits
 - b) 2, 3, 4, 5, 6 remain as is
 - c) Sentence following #6: Assistance in developing and conducting the public health component of public education and outreach programs should be sought from the Department of Health Services and local health departments and should be consistent with the State Water Task Force recommendations.
- d) Action WU-1.4
 - 1) Replace with the following wording: State water quality standards and Basin Plans should continue to be updated, as water recycling technology and practice evolves, to require specific standards for water bodies or streams dominated by recycled water.
 - 2) What: Same as Action wording
 - 3) When: Ongoing
 - 4) Cost: No direct costs
- f) Action 1.5
 - 1) What: Delete second paragraph
- g) Action 1.6
 - 1) What:
 - a) Paragraph 1:
 - (1) Sentence 1:
 - (a) All Bay Area water and wastewater agencies should continue to work together to develop water recycling programs.
 - b) Delete second sentence.
 - c) Paragraph 2:
 - (1) Delete entire paragraph
 - d) Paragraph 3:
 - (1) The two primary benefits of full usage of reclaimed water for the Estuary are: 1) a portion of the water that is freed up by water recycling could remain in the Delta system for the benefit of the environment: and 2) the POTWs of the Bay Area will release discharge of wastewater into the San Francisco Bay.
 - e) Paragraph 4:
 - (1) Feasibility studies would examine all the financial
 - 2) When: Ongoing
- h) Action WU-2.3: Leave as is except for Cost
 - 1) Cost: Unknown
- i) Action WU-2.1, WU-2.2, WU-2.6 and three new Objectives to be developed by Cindy.

The committee then turned its attention to the Water Use Problem Statement on pg. 123 and revisions to be made in the new version. Many of the problems that existed when the original CCMP was written remain today and major rewriting of the Problem Statement is not necessary.

It was suggested that the third paragraph begin with “As the new century begins,” There have been some changes including the creation of CALFED and its management structure and the Office of Water Use Efficiency. The following successes have occurred since the CCMP was adopted in 1993.

- Per capita urban water use around the Bay Area has decreased.
- A wider variety of urban water conservation programs is being actively implemented.
- Several water recycling projects have been constructed and are operating.
- Groundwater banking, transfers, and brackish water desalination are occurring.
- Bay Area water interests are cooperating regionally to plan for the future.

The meeting was adjourned and the next meeting was set for Friday, June 23, 2006, 10:00 AM – 12 PM, in Room 1411, State Building, 1515 Clay Street, Oakland.

CCMP UPDATE - WATER USE WORKGROUP MEETING

July 7, 2006 - 10:00 AM - 12:00 PM

Room 1411, State Building, Oakland

MEETING SUMMARY

Present: Marcia Brockbank, Cindy Darling, Judy Huang, Pam John (by phone), Cheryl Munoz, and Joan Patton

Cindy Darling, Chair, opened the meeting and Workgroup members introduced themselves. Joining by phone was Pam John, Santa Clara Valley Water District.

Judy Huang made a correction to the Meeting Summary of May 31, 2006, after speaking with Tom Mumley. The Cost of Action 1.4 should be kept at \$600,000 rather than revised to "no direct costs." Otherwise, the Meeting Summary was accepted as is. Cindy announced, to everyone's delight, that she would remain as Chair and make the presentation before the Implementation Committee later this year.

Cindy presented new wording for Actions WU-2.1 and WU-2.6, and the new Objective 4 and its Actions WU-4.1 and WU-4.2. In addition, she presented her rewrite of the opening statement. The Workgroup then reviewed her revisions and made some suggested changes. Having gone through the entire CCMP Water Use section, the Workgroup then adjourned early.

The Meeting Summary and the revised CCMP Water Use section, including all modifications and additions will be sent together for review and comment by the entire Workgroup. Comments can be sent to Cindy Darling at Darling@calwater.ca.gov with copies to Joan Patton, jepestuary@aol.com, Marcia Brockbank, mbrockbank@waterboards.ca.gov, and Paula Trigueros, ptrigueros@waterboards.ca.gov.

Marcia Brockbank is drawing up a tentative schedule of dates for the various CCMP Update Workgroups to make their presentations before the Implementation Committee. The Water Use Workgroup is currently scheduled to make the first presentation in November 2006. Other CCMP Workgroups will be heard at subsequent dates.

No date was set for the next meeting. Please get comments to Cindy. All comments will be compiled and sent to the entire Workgroup.